

CLAIMS

What is Claimed is:

1. A reclosable fastener assembly comprising:

5 a first profile having a first interlocking member and a first flange extending away from said first interlocking member;

 a second profile having a second interlocking member interlockable with said first interlocking member;

 a second flange extending away from said second interlocking member, said
10 second flange including a free end and a bend directing said free end toward said second interlocking member; and

 a flange seal disposed between the free end and the bend joining facing portions of said second flange to each other.

15 2. The reclosable fastener in accordance with claim 1, wherein said flange seal is a peel seal.

 3. The reclosable fastener assembly in accordance with claim 2, wherein said second flange further comprises a weakness area between the peel-seal and the bend.

20 4. The reclosable fastener assembly in accordance with claim 3, wherein said weakness area is a score line.

 5. The reclosable fastener assembly in accordance with claim 3, wherein said weakness
25 area is a line of perforations.

 6. The reclosable fastener assembly in accordance with claim 3, wherein said weakness area is a thinned cross-section of said second flange.

7. The reclosable fastener assembly in accordance with claim 2, wherein said second flange is longer than said first flange.

5 8. A reclosable bag formed from a bag-making film and having opposed film walls, a bottom and a top, said reclosable bag including:

a first interlocking profile with a first interlocking member;

a first flange extending from said first interlocking member;

a first seal sealing the first flange to an inside of one of the opposed film walls;

10 a second interlocking profile including a second interlocking member

interlockable with said first interlocking member with said second flange including a free end and a bend directing said free end toward said second interlocking member;

a second seal sealing the second flange to an inside of another of the opposed film walls;

15 a third seal disposed between the first seal and the bend of the second flange such that said third seal seals the second flange to the inside of one of the opposed film walls; and

a flange seal disposed between the free end and the bend joining facing portions of said second flange to each other.

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9. The reclosable bag in accordance with claim 8, wherein the flange seal is a peel-seal.

10. The reclosable bag in accordance with claim 9, wherein said second flange further comprises a weakness area between the peel-seal and the bend.

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11. The reclosable bag in accordance with claim 10, wherein said weakness area is a score line.

12. The reclosable bag in accordance with claim 10, wherein said weakness area is a line of perforations.

13. The reclosable bag in accordance with claim 10, wherein said weakness area is a
5 thinned cross-section of said second flange.

14. The reclosable bag in accordance with claim 9, wherein said second flange is longer than said second flange.

10 15. A method of making a reclosable plastic bag, comprising the steps of:
providing a longitudinally extending zipper with a first interlocking profile and a second interlocking profile with a first flange extending away from a first interlocking member of said first interlocking profile and a second flange extending away from a second interlocking member of said second interlocking profile;

15 bending said second flange to provide a bend such that a free end of said second web flange faces toward the second interlocking member;
forming a flange seal within facing portions of the second flange; and
subsequent to forming the flange seal, attaching said zipper to a bag making film.

20 16. The method in accordance with claim 15, wherein the flange seal is a peel-seal.

17. The method in accordance with claim 16, further including the step of sealing the first flange at a first seal to the bag-making film such that the zipper is sealed to a first opposing film wall of the reclosable plastic bag.

25 18. The method in accordance with claim 17, further including the step of sealing the second flange to the bag-making film at a second seal such that the zipper is sealed to a second opposing film wall of the reclosable plastic bag.

19. The method in accordance with claim 18, further including the step of sealing the second flange to the bag-making film at a third seal such that the zipper is sealed to the first opposing film wall between the first seal and the bend of the second flange.

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20. The method in accordance with claim 19, wherein said second flange further comprises a weakness area between the peel-seal and the bend.

21. The method in accordance with claim 18, wherein said weakness area is a score line.

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22. The method in accordance with claim 18, wherein said weakness area is a line of perforations.

23. The method in accordance with claim 18, wherein said weakness area is a thinned cross-section of said second flange.

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24. The method in accordance with claim 18, wherein said second flange is longer than said first flange.